

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|---|---|------------------|---------|------------------|
| L1 | 27679 | kim.in. | US-PGPUB | OR | ON | 2007/02/26 13:51 |
| L2 | 267934 | ellip\$7 elip\$7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/26 13:52 |
| L3 | 99768 | ("369").CLAS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/26 13:52 |
| L6 | 23 | L1 and L3 and lens and L2 | US-PGPUB | OR | ON | 2007/02/26 13:52 |
| S1 | 289409 | lens (focus\$4 near2 (element device unit apparatus)) | US-PGPUB; USPAT | OR | ON | 2006/05/12 10:17 |
| S2 | 847301 | reflect\$3 mirror | US-PGPUB; USPAT | OR | ON | 2005/04/11 16:35 |
| S3 | 834625 | ellips\$5 curve\$2 parabol\$7 | US-PGPUB; USPAT | OR | ON | 2005/11/09 16:04 |
| S4 | 5499 | S1 near10 S2 near10 S3 | US-PGPUB; USPAT | OR | ON | 2005/11/09 16:05 |
| S5 | 81229 | ellips\$5 parabol\$7 | US-PGPUB; USPAT | OR | ON | 2005/04/11 16:40 |
| S6 | 3152 | S1 near10 S2 near10 S5 | US-PGPUB; USPAT | OR | ON | 2005/04/11 16:41 |
| S7 | 286520 | lens (focus\$4 near2 (element device)) | US-PGPUB; USPAT | OR | ON | 2005/04/11 16:41 |
| S8 | 3118 | S7 near10 S2 near10 S5 | US-PGPUB; USPAT | OR | ON | 2005/04/11 16:41 |
| S9 | 135 | (369/112.08).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/04/11 16:42 |
| S10 | 49 | (369/112.09).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/04/11 16:42 |
| S11 | 71 | (369/112.2).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/04/11 16:42 |
| S12 | 426 | (369/112.23).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/04/12 13:33 |
| S13 | 40 | (369/112.25).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/04/11 16:42 |
| S14 | 239 | (369/112.28).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/11/10 08:39 |

EAST Search History

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|-----|--------|--|---|----|-----|------------------|
| S15 | 835265 | ellips\$5 curve\$2 parabol\$7 | US-PGPUB; USPAT | OR | ON | 2005/04/12 13:30 |
| S16 | 239 | (369/112.28).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/04/12 13:30 |
| S17 | 71 | S16 and S15 | US-PGPUB; USPAT | OR | ON | 2005/04/12 13:31 |
| S19 | 426 | (369/112.23).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/04/12 13:33 |
| S20 | 157 | S19 and S15 | US-PGPUB; USPAT | OR | ON | 2005/04/12 13:33 |
| S21 | 237391 | ellip\$7 elip\$7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/10 08:39 |
| S22 | 312553 | lens (focus\$4 near2 (element device unit apparatus)) | US-PGPUB; USPAT | OR | ON | 2005/11/10 08:59 |
| S23 | 915443 | reflect\$3 mirror | US-PGPUB; USPAT | OR | ON | 2005/11/10 08:39 |
| S24 | 1938 | S22 near10 S23 near10 S21 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/10 08:59 |
| S25 | 257 | (369/112.28).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/10 08:40 |
| S26 | 5 | S24 and S25 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/10 08:40 |
| S27 | 300687 | lens | US-PGPUB; USPAT | OR | ON | 2005/11/10 08:59 |
| S28 | 5483 | S21 same S23 same S27 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/10 09:04 |

EAST Search History

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| S29 | 38 | S28 and S25 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/10 09:04 |
| S30 | 94969 | ("369").CLAS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/10 09:04 |
| S31 | 2376 | S21 near10 S27 same S23 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/10 09:05 |
| S32 | 188 | S31 and S30 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/10 09:06 |
| S33 | 331741 | lens (focus\$4 near2 (element device unit apparatus)) | US-PGPUB; USPAT | OR | ON | 2006/05/10 13:26 |
| S34 | 972260 | reflect\$3 mirror | US-PGPUB; USPAT | OR | ON | 2006/05/10 13:26 |
| S35 | 934310 | ellips\$5 curve\$2 parabol\$7 | US-PGPUB; USPAT | OR | ON | 2006/05/10 13:26 |
| S36 | 6326 | S33 near10 S34 near10 S35 | US-PGPUB; USPAT | OR | ON | 2006/05/10 13:26 |
| S37 | 93594 | ellips\$5 parabol\$7 | US-PGPUB; USPAT | OR | ON | 2006/05/10 13:26 |
| S38 | 3635 | S33 near10 S34 near10 S37 | US-PGPUB; USPAT | OR | ON | 2006/05/10 13:26 |
| S39 | 328376 | lens (focus\$4 near2 (element device)) | US-PGPUB; USPAT | OR | ON | 2006/05/10 13:26 |
| S40 | 3598 | S39 near10 S34 near10 S37 | US-PGPUB; USPAT | OR | ON | 2006/05/10 13:26 |
| S41 | 164 | (369/112.08).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/05/10 13:26 |
| S42 | 59 | (369/112.09).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/05/10 13:26 |
| S43 | 72 | (369/112.2).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/05/10 13:26 |

EAST Search History

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| S44 | 44 | (369/112.25).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/05/10 13:26 |
| S45 | 256 | (369/112.28).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/05/10 13:26 |
| S46 | 553 | (369/112.23).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/05/10 13:26 |
| S47 | 934310 | ellips\$5 curve\$2 parabol\$7 | US-PGPUB; USPAT | OR | ON | 2006/05/10 13:26 |
| S48 | 256 | (369/112.28).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/05/10 13:26 |
| S49 | 77 | S48 and S47 | US-PGPUB; USPAT | OR | ON | 2006/05/10 13:26 |
| S50 | 553 | (369/112.23).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/05/10 13:26 |
| S51 | 210 | S50 and S47 | US-PGPUB; USPAT | OR | ON | 2006/05/10 13:26 |
| S52 | 248371 | ellip\$7 elip\$7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/10 13:28 |
| S53 | 331741 | lens (focus\$4 near2 (element device unit apparatus)) | US-PGPUB; USPAT | OR | ON | 2006/05/10 13:26 |
| S54 | 972260 | reflect\$3 mirror | US-PGPUB; USPAT | OR | ON | 2006/05/10 13:26 |
| S55 | 2059 | S53 near10 S54 near10 S52 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/10 13:26 |
| S56 | 265 | (369/112.28).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/10 13:26 |
| S57 | 5 | S55 and S56 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/10 13:26 |
| S58 | 319054 | lens | US-PGPUB; USPAT | OR | ON | 2006/05/10 13:26 |

EAST Search History

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|-----|----------|--|---|----|-----|------------------|
| S59 | 5812 | S52 same S54 same S58 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/10 13:26 |
| S60 | 38 | S59 and S56 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/10 13:26 |
| S61 | 96859 | ("369").CLAS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/10 13:26 |
| S62 | 2529 | S52 near10 S58 same S54 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/10 13:26 |
| S63 | 194 | S62 and S61 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/10 13:26 |
| S64 | 4840 | S52 near5 (lens lenses) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/10 13:49 |
| S65 | 20 | S52 near5 (immers\$4 near2 (lens lenses)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/10 13:29 |
| S66 | 11564946 | dual two parallel several multiple many plural | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/10 13:49 |

EAST Search History

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|-----|---------|---|---|----|-----|------------------|
| S67 | 449675 | foci ((spot point) near3 (focal focus\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/10 13:50 |
| S68 | 77301 | S66 with S67 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/10 13:50 |
| S69 | 311 | S68 same S64 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/10 13:51 |
| S70 | 41747 | ("369").CLAS. | US-PGPUB; USPAT | OR | OFF | 2006/05/10 13:51 |
| S71 | 11 | S69 and S70 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/05/10 13:52 |
| S72 | 1 | ("4866694").PN. | US-PGPUB; USPAT | OR | OFF | 2006/05/12 10:17 |
| S73 | 351310 | lens (focus\$4 near2 (element device unit apparatus)) | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:53 |
| S74 | 1030996 | reflect\$3 mirror | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:53 |
| S75 | 980539 | ellips\$5 curve\$2 parabol\$7 | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:53 |
| S76 | 6698 | S73 near10 S74 near10 S75 | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:53 |
| S77 | 99287 | ellips\$5 parabol\$7 | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:53 |
| S78 | 3841 | S73 near10 S74 near10 S77 | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:53 |
| S79 | 347695 | lens (focus\$4 near2 (element device)) | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:53 |
| S80 | 3803 | S79 near10 S74 near10 S77 | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:53 |
| S81 | 179 | (369/112.08).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/10/19 12:53 |
| S82 | 60 | (369/112.09).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/10/19 12:53 |
| S83 | 73 | (369/112.2).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/10/19 12:53 |

EAST Search History

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| S84 | 46 | (369/112.25).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/10/19 12:53 |
| S85 | 267 | (369/112.28).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/10/19 12:53 |
| S86 | 581 | (369/112.23).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/10/19 12:53 |
| S87 | 980539 | ellips\$5 curve\$2 parabol\$7 | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:53 |
| S88 | 267 | (369/112.28).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/10/19 12:53 |
| S89 | 79 | S88 and S87 | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:53 |
| S90 | 581 | (369/112.23).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/10/19 12:53 |
| S91 | 221 | S90 and S87 | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:53 |
| S92 | 259598 | ellip\$7. elip\$7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 12:53 |
| S93 | 351310 | lens (focus\$4 near2 (element device unit apparatus)) | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:53 |
| S94 | 1030996 | reflect\$3 mirror | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:53 |
| S95 | 2187 | S93 near10 S94 near10 S92 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 12:53 |
| S96 | 276 | (369/112.28).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/19 12:53 |
| S97 | 5 | S95 and S96 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 12:53 |
| S98 | 337683 | lens | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:53 |

EAST Search History

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| S99 | 6155 | S92 same S94 same S98 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 12:53 |
| S10 0 | 39 | S99 and S96 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 12:53 |
| S10 1 | 98608 | ("369").CLAS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/19 12:53 |
| S10 2 | 2696 | S92 near10 S98 same S94 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 12:53 |
| S10 3 | 197 | S102 and S101 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 12:53 |
| S10 4 | 351310 | lens (focus\$4 near2 (element device unit apparatus)) | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:53 |
| S10 5 | 1030996 | reflect\$3 mirror | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:53 |
| S10 6 | 980539 | ellips\$5 curve\$2 parabol\$7 | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:53 |
| S10 7 | 6698 | S104 near10 S105 near10 S106 | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:53 |
| S10 8 | 99287 | ellips\$5 parabol\$7 | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:53 |
| S10 9 | 3841 | S104 near10 S105 near10 S108 | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:53 |
| S11 0 | 347695 | lens (focus\$4 near2 (element device)) | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:53 |
| S11 1 | 3803 | S110 near10 S105 near10 S108 | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:53 |
| S11 2 | 980539 | ellips\$5 curve\$2 parabol\$7 | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:53 |

EAST Search History

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|----------|---------|--|---|----|-----|------------------|
| S11 3 | 267 | (369/112.28).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/10/19 12:53 |
| S11 4 | 581 | (369/112.23).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/10/19 12:53 |
| S11 5 | 259598 | ellip\$7 elip\$7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 13:27 |
| S11 6 | 351310 | lens (focus\$4 near2 (element device unit apparatus)) | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:53 |
| S11 7 | 1030996 | reflect\$3 mirror | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:53 |
| S11 8 | 2187 | S116 near10 S117 near10 S115 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 12:53 |
| S11 9 | 276 | (369/112.28).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/19 12:53 |
| S12 0 | 337683 | lens | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:53 |
| S12 1 | 6155 | S115 same S117 same S120 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 12:53 |
| S12 2 | 98608 | ("369").CLAS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/19 12:53 |
| S12 3 | 2696 | S115 near10 S120 same S117 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 12:53 |
| S12 4 | 60 | (369/112.09).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/10/19 12:53 |

EAST Search History

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|----------|------|--|---|----|-----|------------------|
| S12 5 | 73 | (369/112.2).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/10/19 12:53 |
| S12 6 | 46 | (369/112.25).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/10/19 12:53 |
| S12 7 | 79 | S113 and S112 | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:53 |
| S12 8 | 5 | S118 and S119 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 12:53 |
| S12 9 | 39 | S121 and S119 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 12:53 |
| S13 0 | 179 | (369/112.08).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/10/19 12:53 |
| S13 1 | 197 | S123 and S122 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 12:53 |
| S13 2 | 267 | (369/112.28).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/10/19 12:53 |
| S13 3 | 221 | S114 and S112 | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:53 |
| S13 4 | 581 | (369/112.23).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/10/19 12:53 |
| S13 5 | 5094 | S115 near5 (lens lenses) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 12:53 |
| S13 6 | 21 | S115 near5 (immers\$4 near2 (lens lenses)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 13:29 |

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| S13 7 | 11878470 | dual two parallel several multiple many plural | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 12:53 |
| S13 8 | 474192 | foci ((spot point) near3 (focal focus\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 12:53 |
| S13 9 | 81087 | S137 with S138 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 12:53 |
| S14 0 | 328 | S139 same S135 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 12:53 |
| S14 1 | 43495 | ("369").CLAS. | US-PGPUB; USPAT | OR | OFF | 2006/10/19 12:53 |
| S14 2 | 11 | S140 and S141 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/10/19 12:53 |
| S14 3 | 1 | ("4866694").PN. | US-PGPUB; USPAT | OR | OFF | 2006/10/19 12:53 |
| S14 4 | 141332 | (focus\$3 focal) near2 (point spot position) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 13:28 |
| S14 5 | 11911 | S73 and S115 and S144 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 13:28 |
| S14 6 | 5146 | (immers\$4 near2 (lens lenses)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 13:29 |

EAST Search History

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| S14 7 | 26 | S146 and (S73 same S115 same S144) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 14:39 |
| S14 8 | 53 | S146 and (S115 same S144) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 14:39 |
| S14 9 | 14 | S148 and S122 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 14:40 |
| S15 0 | 365242 | lens (focus\$4 near2 (element device unit apparatus)) | US-PGPUB; USPAT | OR | ON | 2007/02/16 12:24 |
| S15 1 | 267451 | ellip\$7 elip\$7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/16 12:24 |
| S15 2 | 145490 | (focus\$3 focal) near2 (point spot position) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/16 12:24 |
| S15 3 | 5365 | (immers\$4 near2 (lens lenses)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/16 12:24 |
| S15 4 | 29 | S153 and (S150 same S151 same S152) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/16 12:24 |
| S15 5 | 99709 | ("369").CLAS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/16 12:24 |

EAST Search History

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|----------|--------|---------------------------------|---|----|----|------------------|
| S15 6 | 58 | S153 and (S151 same S152) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/16 12:24 |
| S15 7 | 15 | S156 and S155 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/16 12:25 |
| S15 8 | 318822 | kim.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/26 13:51 |
| S15 9 | 6286 | S158 and lens | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/16 12:25 |
| S16 0 | 892 | S158 and S155 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/16 12:25 |
| S16 1 | 486 | S158 and S155 and lens | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/16 12:26 |
| S16 2 | 42 | S158 and S155 and lens and S151 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/16 12:26 |